

20010523.qrp v02_n198.qrl.20010523

Date: Wed, 23 May 2001 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2198

QRP-L Digest 2198

Topics covered in this issue include:

- 1) [98650] FS Autek WM-1 Computing Wattmeter
by n2go@arrl.net
- 2) [98651] Another source for SA602s...
by "Ed Tanton" <n4xy@att.net>
- 3) [98652] RE: Family Radio Service & "Irradiation" of Passive Antennae
by Nick Kennedy <nkennedy@tcainternet.com>
- 4) [98653] Re: crystals
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 5) [98654] FS Yaesu transceiver
by n2go@arrl.net
- 6) [98655] Re: what antenna to use with SMK?
by Tom Popovic <ki3r@yahoo.com>
- 7) [98656] RE: Family Radio Service & "Irradiation" of Passive Antennae
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 8) [98657] Re: Ft. Tuthill
by Jim Lowman <jmlowman@ix.netcom.com>
- 9) [98658] Re: FS Yaesu transceiver
by n2go@arrl.net
- 10) [98659] Re: Another source for SA602s...
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 11) [98660] Re: A Challenge for QRPers
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 12) [98661] info request - 1970's QRP
by Jeff Stai WK6I <jstai@home.com>
- 13) [98662] FS sherline lathe
by n2go@arrl.net
- 14) [98663] Re: FS sherline lathe
by n2go@arrl.net
- 15) [98664] Re: A Challenge for QRPers
by Bob Kellogg <ae4ic@nr.infi.net>
- 16) [98665] Icon 736 review.
by w6ors@juno.com
- 17) [98666] FS / trade: W9XT Contest Card-
by n4gi@juno.com
- 18) [98667] KITS: The K8IQY "4017" Transverter Kit is again in stock!
by "George Heron N2APB" <n2apb@erols.com>
- 19) [98668] KITS: PSK31 for 30m ... the WARC-bler is here!

- by "George Heron N2APB" <n2apb@erols.com>
- 20) [98669] QRP: Two Great Events THIS weekend!
by "N7SG K7FD" <k7fd@hotmail.com>
- 21) [98670] GM30XX on 14.060 @ 0406Z
by David Gauding <david.gauding@bbs.galilei.com>
- 22) [98671] Re:Jupiter
by "Jay Bromley" <w5jay@alltel.net>
- 23) [98672] 17mtr DSB - SMOKE TEST!
by Bill Meara <n2cqr@clix.pt>
- 24) [98673] Re: OT: Xtal filter/VHF scanner/image reception
by adamvaz@palm.net (Adam Vazquez)
- 25) [98674] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by bejones@hursley.ibm.com
- 26) [98675] Re: Another source for SA602s...
by "Brian" <bmurrey@amexol.net>
- 27) [98676] Help My KAM eprom is not working properly
by "Donny Sirait" <dsirait@centrin.net.id>
- 28) [98677] Re: JUPITER Comparison Data
by Curt Milton <wb8yyy@yahoo.com>
- 29) [98678] Re: Help My KAM eprom is not working properly
by "Mike Yetsko" <myetsko@insydesw.com>
- 30) [98679] new member
by "James Edwards" <jle8@earthlink.net>
- 31) [98680] RE: new member
by "AI2Q Alex" <ai2q@adelphia.net>
- 32) [98681] RE: new member
by Alen Mitrovic <alen.mitrovic@hermes.si>
- 33) [98682] Re: SLV antenna
by W8IRQ@aol.com
- 34) [98683] Leaky Coax Antenna System
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 35) [98684] Re: new member
by "Oleg Borodin" <master72@lipetsk.ru>
- 36) [98685] Re: Help My KAM eprom is not working properly
by "Russ Hines" <wb8zcc@one.net>
- 37) [98686] Fishing Pole vertical (long)
by "Mike Malone" <mmalone@worldlogon.com>
- 38) [98687] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by Bruce Muscolino <w6toy@erols.com>
- 39) [98688] Re: Help My KAM eprom is not working properly
by Bruce Muscolino <w6toy@erols.com>
- 40) [98689] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by Mighty Mik <mightymik2@home.com>
- 41) [98690] Re: new member
by "Bob Tellefsen" <n6wg@earthlink.net>
- 42) [98691] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by Bruce Muscolino <w6toy@erols.com>
- 43) [98692] Re: Help My KAM eprom is not working properly

by Dave Sjolín <sjolin@swbell.net>
44) [98693] Need help to find a chip, 87C CCN40
by Bryn Joynes <bryn@pcpractice.com>
45) [98694] swan swr-1
by "Delbert Long" <ad6we@hotmail.com>
46) [98695] Re: Help My KAM eprom is not working properly
by Jim Cotton <jim.cotton@wmich.edu>
47) [98696] VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by "Chuck Carpenter" <w5usj@globeco.net>
48) [98697] Re: Help My KAM eprom is not working properly
by wb2vuo@juno.com
49) [98698] RE: Help My KAM eprom is not working properly
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
50) [98699] Re: Need help to find a chip, 87C CCN40
by "Trevor Jacobs" <fxtech@earthlink.net>
51) [98700] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by Mighty Mik <mightymik2@home.com>
52) [98701] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by Mighty Mik <mightymik2@home.com>
53) [98702] Re: Fishing Pole vertical (long)
by "Brian" <bmurrey@amexol.net>
54) [98703] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by "Mike Malone" <mmalone@worldlogon.com>
55) [98704] Antennas
by N1EU <n1eu@yahoo.com>
56) [98705] Re: Antennas
by Phil Wheeler <w7ox@earthlink.net>
57) [98706] Re: Antennas
by "Brian" <bmurrey@amexol.net>
58) [98707] VF Displays
by "John J. McDonough" <wb8rcr@arrl.net>
59) [98708] These Flying Pigs
by "Howard Kraus" <K2UD@adelphia.net>
60) [98709] Re: Help My KAM eprom is not working properly
by Bruce Muscolino <w6toy@erols.com>
61) [98710] Ft Tuthill 2001
by "Bob Hightower" <nk7m@extremezone.com>
62) [98711] Re: swan swr-1
by Bruce Muscolino <w6toy@erols.com>
63) [98712] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by Bruce Muscolino <w6toy@erols.com>
64) [98713] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by Bruce Muscolino <w6toy@erols.com>
65) [98714] First qrp conact with a homebrew rig
by "NR6Z" <wonil_lim_1@email.msn.com>
66) [98715] QRP Headlight
by "Mike WA8BXN" <hubby2k@hotmail.com>
67) [98716] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!

- by "laura halliday" <marsgal42@hotmail.com>
- 68) [98717] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by "Paul Harden, NA5N" <na5n@rt66.com>
- 69) [98718] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by Mighty Mik <mightymik2@home.com>
- 70) [98719] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by Mighty Mik <mightymik2@home.com>
- 71) [98720] Re: Antennas
by "Steven Weber" <kd1jv@moose.ncia.net>
- 72) [98721] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by "Karl F. Larsen" <k5di@zianet.com>
- 73) [98722] Portable Antennas?--try an "Inverted WYE"
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 74) [98723] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by "Bill Jones" <kd7s@psnw.com>
- 75) [98724] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 76) [98725] Re: Another source for SA602s...
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 77) [98726] Digest Mode
by John Horton <johnhorton@telocity.com>
- 78) [98727] RE: Digest Mode
by <schoon@amgt.com>
- 79) [98728] Contest: QRPDUPE Newest Version Released
by Brian Kassel <bkassel@dancris.com>
- 80) [98729] RE: Portable Antennas?--try an "Inverted WYE"
by David Ek <ekdave@earthlink.net>
- 81) [98730] Re: First qrp conact with a homebrew rig
by RangerSF5@aol.com

Date: Tue, 22 May 2001 14:48:38 -0400 (EDT)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [98650] FS Autek WM-1 Computing Wattmeter
Message-ID: <Pine.LNX.4.21.0105221444390.1886-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have an excellent, accurate wattmeter with manual.
The dual meter wattmeter has 20,200,2000 scales and tracked very closely
with a bird wattmeter. Works well in qrp range.
Price \$85.

73,

Jim n2go

Date: Tue, 22 May 2001 19:40:27 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [98651] Another source for SA602s...
Message-ID: <CKEGICNFDIMCEKEDCEHFOEDDHDA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My friend Marshall Emm, N1FN, (of OHR kits/etc.
<<http://www.ohr.com/parts.htm>> ; and all those beautiful keys
<<http://www.morsex.com/>> ;) emailed to say that he also has SA602s (8-pin
DIP) for \$2.00; as well as several other parts. Wouldn't want to leave him
out!!

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

R-390: Motorola SN: 374;
R-390-A: Capehart SN: 2241
51S-1 WE SN: 4389
HRO-50; HRO-60; & HRO-500
SP600-VLF SP600-JX-17 SP-600-JX-21

Date: Tue, 22 May 2001 18:40:50 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'w6toy@erols.com'" <w6toy@erols.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [98652] RE: Family Radio Service & "Irradiation" of Passive Antennae
Message-ID: <01C0E2EE.BA105420.nkennedy@tcainternet.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I know a place where you can get both 'irradiation' and passive antenna radiation.

At the nuke plant where I work, there's a lot of steel in the structure and so forth and coverage with hand-held radios was limited. So they installed a passive antenna system. We call it the "leaky coax" system. It looks like hardline or something, and I understand it has slots cut in the metal sheath. It winds its way all thru the plant. I guess it starts out at an antenna somewhere. I haven't worked on it myself, but I understand it works OK.

72--Nick, WA5BDU

Date: Tue, 22 May 2001 18:19:23 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98653] Re: crystals
Message-ID: <004801c0e315\$a40233c0\$70703ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Delbert,

You may want to take a survey of how many QRP'ers are actually on 10.106 MHz before ordering 100 crystals. This frequency is almost always host to high powered DX pileups nowadays even though many publications still list 10.106 MHz as a QRP frequency. I find QRP'ers all over the band but it appears to me that they seem to hang out more around 10.116 to 10.120 MHz than anywhere else.

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb/>

Date: Tue, 22 May 2001 15:04:27 -0400 (EDT)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [98654] FS Yaesu transceiver
Message-ID: <Pine.LNX.4.21.0105221448430.1886-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a relatively rare transceiver for sale. It receives but only transmits extremely low output. The output seems ok up to the drivers. I also include a matched pair of driver transistors and final transistors. (The transistors are new and not installed)

The model is FT-80C and is a commercial version of the Yaesu FT747...It can be set up for channelized operation. I have new pushbuttons to give it all of the features of the FT747. (The push buttons are installed and it has looks identical to a FT747 now) Some of the features were covered up with blank covers. Or you can restore it to channelized operation if you prefer by simply popping off the push button covers and replacing the blank covers. It has general receive and lcd digital readout.

The unit includes the shop manual. It could also be used as a driver for transverter by unplugging the PA amp and running it to the back of the unit to your transverter.

I also include the power cord and mobile microphone. Price \$190 plus about \$12 for shipping. Will also trade for something cool :) Hopefully something that is plug and play as I am too busy to do much else at this time.

73,

Jim n2go

Date: Tue, 22 May 2001 16:58:53 -0700 (PDT)
From: Tom Popovic <ki3r@yahoo.com>
To: ad6we@hotmail.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98655] Re: what antenna to use with SMK?
Message-ID: <20010522235853.2310.qmail@web11205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi there Delbert ... since Del won't allow me through

HI HI I use an inverted vee fed with RG-8 for the SMT antenna which has given me 16 states and a VE3 over the last several months plus over 100 contacts as dupes for states. This was really done with casual operation. Take care 73 ..Tom KI3R Port Vue Pa. nr Pittsburgh

--- Delbert Long <ad6we@hotmail.com> wrote:

> I took my SMK-1 out to the mountains...receiver is
> great, but still not able
> to get myself heard with the 300 or so mW ...
>
> I was using a folded dipole fed with RG-58.
> Couldn't get it up too high,
> but thought I might at least be heard 50 mi. away.
>
> Open to suggestions...I can do the one or five watt
> mod, but I would like to
> have the experience of connecting with someone with
> less than one watt.
> Thanks.
>
> Del, AD6WE
>

> Get your FREE download of MSN Explorer at
> <http://explorer.msn.com>
>

=====

The common good was the claim and justification of every tyranny ever established over men. Every major horror of history was committed in the name of altruistic motive... Actors change, but the course of the tragedy remains the same. Ayn Rand 1943

Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Tue, 22 May 2001 20:02:20 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98656] RE: Family Radio Service & "Irradiation" of Passive Antennae
Message-ID: <125490A005E3D3118C9C00805FC743CC023B2E18@KAHLESS>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

From: Kanalz, Karl [mailto:Karl.Kanalz@allegiancetelecom.com]

> There's someone in the ARRL, by the way, who doesn't seem to
> understand or appreciate the fact that there is actual attenuation (loss)
> due to path distance versus frequency. Then again, Bruce, I don't expect
> everyone to understand this concept which has been in the
telecommunication
> industry since dirt was new....

???

I generally use the formula: $FSL(dB) = 32.34 + 20\log(D) + 20\log(F)$ where D is in kilometers. I use 36.58 if my units are in miles. This does apply only in free space in the far field of the radiating source, of course.

I am sure there are a number of HQ staffers who don't understand this, but not all of our staff are technical. If you let me know who caused you to make that statement, I will gladly explain the concept to him or her.

Thanks.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-673-7869
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

Date: Tue, 22 May 2001 17:07:34 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: jaywa5whn@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98657] Re: Ft. Tuthill
Message-ID: <3B0AFF46.E0644618@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jaywa5whn@juno.com wrote:

> We are approximately 2 months away from the Ft. Tuthill event. It maybe
> too late for motels/hotels, at least the cheaper rooms.

The cheaper rooms - maybe. We have our reservation at Embassy Suites; no problem there. Some friends have booked fairly close to the event the last two years and have had no problem finding a room, but at a price.

72 de Jim - AD6CW

Date: Tue, 22 May 2001 15:26:29 -0400 (EDT)
From: n2go@arrl.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98658] Re: FS Yaesu transceiver
Message-ID: <Pine.LNX.4.21.0105221526180.1886-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rig has been sold.

73,

Jim n2go

Date: Tue, 22 May 2001 20:16:15 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: n4xy@att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98659] Re: Another source for SA602s...
Message-ID: <5.1.0.14.0.20010522201432.009f9540@gly.fsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I think that w8diz has them also...same price. You can't go wrong buying from either party.

Now I spent lots of time lokking for 602's in Dayton..saw Marshall at vendor night and shared a room across the hall from Diz. Didn't know they had the chips though.

At 07:40 PM 5/22/01 -0400, Ed Tanton wrote:
>My friend Marshall Emm, N1FN, (of OHR kits/etc.
><<http://www.ohr.com/parts.htm>> ; and all those beautiful keys

><<http://www.morsex.com/>> ;) emailed to say that he also has SA602s (8-pin
>DIP) for \$2.00; as well as several other parts. Wouldn't want to leave him
>out!!

>

>73 Ed Tanton N4XY <n4xy@arrl.net>

>

>Ed Tanton N4XY

>189 Pioneer Trail

>Marietta, GA 30068-3466

>

>website: <http://www.n4xy.com>

>

>LM: ARRL QCWA AMSAT & INDEXA;

>SEDXC NCDXA GACW QRP-ARCI

>OK-QRP QRP-L #758 K2 (FT) #00057

>

>R-390: Motorola SN: 374;

>R-390-A: Capehart SN: 2241

>51S-1 WE SN: 4389

>HRO-50; HRO-60; & HRO-500

>SP600-VLF SP600-JX-17 SP-600-JX-21

Date: Tue, 22 May 2001 20:17:30 -0400

From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>

To: zlau@arrl.org, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [98660] Re: A Challenge for QRPers

Message-ID: <5.1.0.14.0.20010522201709.009f9540@gly.fsu.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:42 AM 5/22/01 -0400, Lau, Zack, W1VT wrote:

>I'd say that 10 GHz SSB is bleeding edge for most QRPers.

>One of the transverters I'm lending is over 10 years old! --Zack W1VT

Hey...

80M is bleeding edge for me

Date: Tue, 22 May 2001 17:25:19 -0700

From: Jeff Stai WK6I <jstai@home.com>

To: qrp-l@Lehigh.EDU

Subject: [98661] info request - 1970's QRP
Message-ID: <5.1.0.14.2.20010522171448.03010960@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi - I picked up an 'old' rig at the radio club auction last night.
I was wondering if anyone had any info about it.

It is a "Mini-Com" 20m SSB/CW "transistorized transceiver". I am told
it is capable of 1 watt output. It is faded, but it looks like it was
made (or kitted?) by "Justin Inc." of El Monte, CA. It is a little bigger
than a K1 but smaller than a K2...;-) Oh, and it at least receives!

Anyone heard of it...? thanks! - jeff wk6i

jeff stai
radio stuff: WK6I in DM13
rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.
email: jstai@home.com or wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>
LDRS web page: <http://www.ldr20.org/>

Date: Tue, 22 May 2001 15:42:21 -0400 (EDT)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [98662] FS sherline lathe
Message-ID: <Pine.LNX.4.21.0105221536180.1886-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just the right size for qrp size part machining. Sherline 4000 3x8
mini-lathe. I will include a 1/4" cutting tool mounted on the crossslide
tool holder. This has a four jaw chuck and tailstock with center. Variable
speed. Check Sherline site for details if you don't already know what it
is and think you might really need it :))
I have a b-i-i-g lathe and need the dough to buy collets and more
"stuff"... Price \$340.

73,

Jim n2go

Date: Tue, 22 May 2001 16:21:29 -0400 (EDT)
From: n2go@arrl.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98663] Re: FS sherline lathe
Message-ID: <Pine.LNX.4.21.0105221621170.2160-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sold.

73,

Jim n2go

Date: Tue, 22 May 2001 19:01:15 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98664] Re: A Challenge for QRPers
Message-ID: <3B0AEFBB.24D64CF3@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

XXXXXXXXX wrote:

> Bob,
>
> All sounds well and good but what about technology like the I-Phone? IMHO
> that could be the death of our hobby. Thoughts?
>
> 73
> Mike

Hi Mike,

Well, I bet when photography was invented all of the artists, illustrators and plenty of the printing people predicted that their craft would soon be dead, but it wasn't.

And in due time, photographic art became an additional creative outlet.

The problem, of course, is that when we're looking at a change in

technology from the front end, it's very hard to know how it's going to look when we look back on it. I just think that we should be ready to embrace the changes as they occur and be part of them. And we QRPers tend to do that, I believe.

At the same time there are a lot of hams who are standing by, lamenting the changes. They should be exploring the changes to see what fun things they can learn to do with them. Again, QRPers tend to be the exploring types rather than the lamenting types. That's one of the attractions to the group.

This is a hobby, and we do it for fun. Who said that if there were no more RF (or CW) there would be no more fun? Some of the digital stuff that we're doing right now is on the leading edge of technology. But, at one presentation in Dayton there were a lot of guys thinking it will be a source for a lot of fun in the future.

We may have to rethink what we mean by RF. Maybe our objective shouldn't just be wireless signals. Maybe controlled information cursing through wires at "Radio Frequencies" is fun, too. How do we know unless we're open enough to try it?

I don't know, this next century is going to be so full of new, neat stuff that it boggles the mind. There will be stuff we can't even imagine today. I hope I can live long enough to enjoy a bunch of it!

The spirit of Hams from the 1920's and 1930's is alive today in a lot of QRPers. Our hobby isn't dying, because the spirit is alive. The technology is changing, and will continue to change.

Really, what Peter was talking about was redefining QRP to mean much more than just low power operating. And what I'm thinking is that many QRPers already act in a much broader manner, we just haven't realized that a new definition might be in order.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Tue, 22 May 2001 15:29:27 -1000
From: w6ors@juno.com
To: qrp-l@Lehigh.EDU
Subject: [98665] Icon 736 review.

Message-ID: <20010522.155020.-2040249.2.w6ors@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks to all for the info. Muchly appreciated out here in this info
starved world of Hawaii.

73/72,

Corky W6ORS

Hilo HI

Pain and suffering are inevitable, but misery is optional.

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 22 May 2001 22:03:46 -0400

From: n4gi@juno.com

To: cq-contest@contesting.com, qrp-1@Lehigh.EDU

Subject: [98666] FS / trade: W9XT Contest Card-

Message-ID: <20010522.220347.-242837.0.n4gi@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

After an unsuccessful attempt to sell it at Dayton, thought maybe I'd
see if anyone here could use one:

Voice keyer card, Cables (now set up for Knwd), software, manual. Works
great with CT, Writelog, NA, maybe others, but I have only used these....

16 seconds of total recording on board IC (no HDD) in up to 4 memories,
also has built in CW keying capability. Shove it in a spare ISA slot and
go. Works great, but I don't do enough phone (or any other mode these
days) to keep it sitting on the shelf.

\$120 USD, u-ship (Tampa) / or will entertain trade offers for qrp gizmos
of equal value

reply direct,

TNX

Blake N4GI

Date: Tue, 22 May 2001 23:00:03 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "NJQRP" <NJQRP@njqrp.org>
Subject: [98667] KITS: The K8IQY "4017" Transverter Kit is again in stock!
Message-ID: <014701c0e337\$154f7850\$d2c03ad0@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks -

After the fantastic job that Jim Kortge, K8IQY did in presenting the design of his 40m-to-17m transverter project over the last 8 months at Pacificon, Atlanticon, Arkiecon, and most recently at Dayton/FDIM, the NJQRP Club is pleased to again offer a "bag-o-parts" kit for the 4017 Transverter.

The "4017 Transverter" is the latest creation of master designer/builder Jim Kortge, K8IQY. Having previously designed the 2n2/40 Transceiver and the 2n2/6 Transverter, both using Manhattan-style construction, K8IQY has now developed the "4017" to enable QRP CW ops to easily get on the exciting 17m WARC band with a simple-yet-performance-oriented design. Stunningly clear assembly graphics are provided by Paul Harden, NA5N, to help novice and expert homebrewers alike in construction of this project.

We've had lots of requests to do another run of this popular Manhattan-style kit, and it's ready, in limited supply. The price is \$35 + \$3 shipping ... see <http://www.njqrp.org/4017/> for all the details and nice color pics.

Remember, this is in limited supply but we currently have a bunch of kits all ready and waiting on the shelf. (Using PayPal gets them to you even faster than putting a check into the mail ... see www.paypal.com for details on how to do this.)

73, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

Date: Tue, 22 May 2001 23:16:15 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "NJQRP" <NJQRP@njqrp.org>
Subject: [98668] KITS: PSK31 for 30m ... the WARC-bler is here!
Message-ID: <014801c0e337\$1704a260\$d2c03ad0@ghlpt4>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all -

You might remember the recent postings by a couple of the Iowa QRP guys (Jeff, WOODS and Fred, WOFMS) when they stated that they've designed a conversion kit that takes the PSK-80 Warbler to 30 meters.

Well, they've been able to collect a very limited number of conversion "bag-o-parts" kits for this and have collaborated with the NJQRP Club to couple the conversion kit with the standard 80m Warbler Kit to produce ... "The WARC-bler, a 30m PSK31 Transceiver".

We were selling these WARC-bler kits at Dayton this past weekend. Again, that's for the original 80m Warbler plus the 30m Conversion kit. (It's highly recommended that one build the WARC-bler up from scratch on the Warbler circuit board, as opposed to modifying a previouslybuilt 80m Warbler.) Along with the 80m Warbler and 30m Conversion parts, you get a detailed theory of ops and assembly manual to guide you through conversion.

So we still have some WARC-blers left after Dayton and we're selling these on a first-come-first-serve basis here on the mail lists. If interested, please reserve one of these kits by email when you send in your order. These will go very fast and we can hold a kit for you if you let us know your order is on the way.

To order, write a \$65 check or money order, payable to "George Heron, N2APB" and send it to: George Heron, N2APB, 2419 Feather Mae Court, Forest Hill, MD 21050. For quicker service, use the much easier electronic method of payment ... PayPal. See www.paypal.com for details in registering your credit card for safe and secure online payment usage.

73, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

PS: Again, this is a one-time sale of a limited quantity of conversion kits. Once these are sold, Dave Benson, NN1G will be incorporating the design into his PSK-xx commercial series of PSK31 transceiver boards at Small Wonder Labs.

Date: Tue, 22 May 2001 20:45:29 -0700

From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [98669] QRP: Two Great Events THIS weekend!
Message-ID: <F211yemYewQ1N8Pik3Y00001a27@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Match your watts against the best! This weekend offers TWO radiosporting chances to fill the airwaves with QRP -

CQ Magazine WW CW WPX contest:

<http://www.cq-amateur-radio.com/2001wpix.html>

QRP ARCI Hootowl Sprint:

<http://personal.palouse.net/rfoltz/arci/hoot.htm>

Hope to catch you there!

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Tue, 22 May 2001 23:06:25 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [98670] GM30XX on 14.060 @ 0406Z
Message-ID: <5.1.0.14.0.20010522230241.02511970@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

GM30XX on 14.060 @ 0406Z

George was running 1W homebrew. Did not copy his antenna.

Ran 2W with Argo 515 and St. Louis Vest Pocket Vertical. He could hear me at 1W but not enough to copy.

If you think the bands are dead they might not be! <g>

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Wed, 23 May 2001 00:14:52 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [98671] Re:Jupiter
Message-ID: <007401c0e347\$4e07efa0\$6518150a@alltel.net>

Some have ask: Does the Ten Tec Jupiter have a noise reduction circuit and how did it work? The answer is yes and it works just fine. Speaking of interference fighting devices in the Jupiter I forgot to mention the automatic notch filter and the passband tuning control (PBT). The notch filter does a great job, but I wasn't able to test it against multiple heterodynes. I am sure it does a great job on multiple hetrodynes as it does on a single. The passband tuning control is typical TenTec quality----it works great. I was listening to SSB on 20m and when a carrier would fired up on the frequency I could use the automatic notch to remove all of the offending carrier most of the time. When it didn't, careful use of PBT, narrowing the filter bandwidth a bit, would always remove the rest of the remaining low level carrier. You can make the Jupiter receiver very quiet on 20m using NR, Notch, and PBT. I am sorry for leaving these details out of my brief Jupiter post. Bottom line--- the Jupiter is a very neat rig that is FUN to use!!

73 de w5jay..

Date: Wed, 23 May 2001 07:24:49 -0400
From: Bill Meara <n2cqqr@clix.pt>
To: qrp-1@lehigh.edu
Cc: GQRP@yahooogroups.com;homebrew@qth.net;
Subject: [98672] 17mtr DSB - SMOKE TEST!
Message-ID: <3.0.6.16.20010523072449.2fd72294@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My 17 Meter DSB QRP rig has passed its somke test. I built a two stage linear amplifier for it and it looks like I'm getting about 1.3 watts out. The transmitter is currently on 4 separate PC boards spread out on my operating table. Clip leads connect it to my 12 Volt Gel Cell. I'm using a Drake 2-B as the receiver.

17 meters has been in good shape. This morning I listened to a nice QSO between a VK7 and a W6. But so far I haven't made a QSO with the new rig.

I was hoping that someone out there could point their beam at the Azores and listen for my QRP DSB signal. My VXO tunes from about 18.110 to about 18.130. I can be on the air tomorrow (24 May) from 0530 UTC to 0730 UTC. Please let me know if you can listen for me during this period.

Thanks!

73 de CU2JL (aka N2CQR)
Bill Meara
Sao Miguel Island,
The Azores, Portugal
<http://planeta.clix.pt/n2cqr>

Date: Wed, 23 May 2001 03:44:43 -0400
From: adamvaz@palm.net (Adam Vazquez)
To: alihernlem@hotmail.com, qrp-1@Lehigh.EDU
Subject: [98673] Re: OT: Xtal filter/VHF scanner/image reception
Message-ID: <GDS2UJ00.VDM@mo120usjc.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello de Adam Kb2Jpd

1 is you heard the signal on an internally generated birdie. Check out the exact freq again , see if there is a carrier.

2 is that you had a strong signal near the receiver. You heard the result of the mixture. I have heard Qsos with cable leakage.

The scanner is working fine. Welcome to the high RF Realm of the 21st century.

alihernlem@hotmail.com wrote on 5/23/01 2:28 am:

>Anyone know the specs on a
>crystal filter with markings:
>
>crystal filter
>FHA-103-4
>10.7 MHz
>No. 2 2

>GRE
>
>This is found in a VHF
>scanner that I picked up at a
>garbage (er "garage")
>sale this weekend (Realistic
>Patrolman Pro-9).
>
>Also, was tuning around on
>the thing last night and
>picked up what sounded
>like a bunch of hams on a net
>(included were W6KTT and
>KC6UJS, etc.)
>although the dial read
>approx. 168 MHz. Could this
>be the "image" of some
>transmission on the 2 m
>band? This scanner covers
>the upper VHF above 148
>MHz.
>
>Brad
>-----
>-----
>-----
>Get your FREE download of
>MSN Explorer at
><http://explorer.msn.com>
>

Date: Wed, 23 May 2001 12:09:26 +0100
From: bejones@hursley.ibm.com
To: qrp-1@Lehigh.EDU
Subject: [98674] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <3B0BA876.21698.976FF8@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Bob was right - Peter Zenker was an inspirational speaker - no mean achievement for someone for whom english is a second language.

I suspect one reason for FT817 and K2 success is the all-mode operation particularly SSB inclusion.

I have built several single band CW kits (49er, 30m Special, Pixie, SW40+ etc) and taken them to my local club (non-QRP, non-CW for the main) and have received limited interest in my 'toys'. Even the K2 taken as a show and tell without operating only impressed a little. However when I took the K2 to an operating night and folks worked Italy, Slovenia and Florida 10W SSB on battery power it got significant interest. So much so that one of the QRO guys went out and bought a FOXX-3 kit the next week!

As a QRP operator who works almost exclusively SSB I may be a little biased but IMHO one of the things that has not helped QRP has been its association with a CW-only operating mode. Many new hams aren't interested in CW (in my club we've probably got 20+ members licensed within the last 10 years but only one who is really CW competent - and she doesn't get to operate too much).

So - a challenge to all you great designers out there - when contemplating your next project ask yourselves 'Does the world really need another 500mW 40M CW only kit?'. Let's take up Peter's challenge and be innovative in other modes - PSK31 offers great opportunity and George Heron's work is particularly exciting.

Anyone who was at FDIM knows Peter is right - QRP is much more than low-power. The fraternity, innovation and plain old fun was impressive - certainly it impressed my non-QRP XYL (Liz MOACL) who is now contemplating her first building project - a regen RX.

The power of the QRP fraternity was, for me, summed up by a question from Liz on the way home from FDIM and Dayton yesterday:

'I can turn down the power on my TS850, can't I?'

73, Brian G0UKB
Brian E Jones
Pervasive Computing Specialist
IBM HURSLEY

Date: Wed, 23 May 2001 08:14:18 -0400
From: "Brian" <bmurrey@amexol.net>
To: <henryf@quartz.gly.fsu.edu>, "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>
Subject: [98675] Re: Another source for SA602s...

Message-ID: <000f01c0e381\$e4ffce70\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Henry,

So you were across the hall from Diz? Well count yourself lucky, at least it was quiet. I think he spent most of his time with us, down in the "Pig Pen" in room 149. Boy, I got no sleep for four days and had the time of my life. It was nice to meet you.

73 de KB9BVN

----- Original Message -----

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, May 22, 2001 8:16 PM
Subject: Re: Another source for SA602s...

> I think that w8diz has them also...same price. You can't go wrong buying
> from either party.
>
> Now I spent lots of time looking for 602's in Dayton..saw Marshall at
> vendor night and shared a room across the hall from Diz. Didn't know they
> had the chips though.
>
> At 07:40 PM 5/22/01 -0400, Ed Tanton wrote:
> >My friend Marshall Emm, N1FN, (of OHR kits/etc.
> ><<http://www.ohr.com/parts.htm>> ; and all those beautiful keys
> ><<http://www.morsex.com/>> ;) emailed to say that he also has SA602s (8-pin
> >DIP) for \$2.00; as well as several other parts. Wouldn't want to leave
him
> >out!!
> >
> >73 Ed Tanton N4XY <n4xy@arrl.net>
> >
> >Ed Tanton N4XY
> >189 Pioneer Trail
> >Marietta, GA 30068-3466
> >
> >website: <http://www.n4xy.com>
> >
> >LM: ARRL QCWA AMSAT & INDEXA;
> >SEDXC NCDXA GACW QRP-ARCI

> >OK-QRP QRP-L #758 K2 (FT) #00057
> >
> >R-390: Motorola SN: 374;
> >R-390-A: Capehart SN: 2241
> >51S-1 WE SN: 4389
> >HRO-50; HRO-60; & HRO-500
> >SP600-VLF SP600-JX-17 SP-600-JX-21
>
>

Date: Wed, 23 May 2001 20:05:22 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98676] Help My KAM eprom is not working properly
Message-ID: <000701c0e389\$343224a0\$97ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Friends,

I have tried Kantronics but so far no response so I am turning to this great group for help.

This could be just a small connection to qrp however I am sure that some of you (as my past experience) can provide very fine advice.

I bought a KAM TNC (the old old KAM) many years ago (I think it was in the mid 1980's) to explore the world of digital communications and my last eprom version is version 2,85.

Due to work demands I have put the KAM into it's original box as with my other radio related items. Lately after being bitten by the qrp bug I decide to increase my code proficiency (recieving and especially good sending) and would like to use my KAM to train my code sending (I think this is the connection to QRP). However when I fired up the KAM again the response from the KAM displayed on my terminal screen is half text and half garbage. I tried to hard reset the TNC but then no response. Few days ago suddenly the TNC recover from it's state of coma and work just well but then today it was another blank on the screen. I know that my terminal program did communicate with the TNC (because the terminal program require a response from the KAM, I use Pacterm from Kantronics) but somehow the burned program in the eprom is not responding.

1. I would like to know what is happening inside my KAM (TNC)
What makes it happened?
2. Is there any of you who have the KAM version 2,85 binary
code on disk so I can burn it to a new eprom (I can borrow an eprom
programmer).

I have contacted Kantronics but as mentioned above no response
and buying the enhancement board is out of question (too expensive
for me at the moment).

Any help will be very much appreciated and please direct to
yb1bod@arrl.net to save QRP-L bandwidth.

vy 72 de YB1BOD
Donny Sirait
Bekasi Indonesia

Date: Wed, 23 May 2001 06:01:16 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98677] Re: JUPITER Comparison Data
Message-ID: <20010523130116.62336.qmail@web9601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Jay, thanks for the nice review on the Jupiter! a lot
of time and thought went into your comments that
should help many. please post it someplace where folk
can find it on a permanent basis.

we can be glad in this age that we have some many rig
choices! while it looked like we were heading toward
only 2 or 3 manufacturers making just 2 or 3 HF rigs
each - we can be glad we have as many choices as we
do! getting the info out will help each operator
acquire the new or used rig he/she needs to fit their
style. thanks again!

Curt WB8YYY
(my last multiband HF rig is 1989 TS-140,
K2 on order i think but i waiting for confirmation
from Elecraft folk!)

Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Wed, 23 May 2001 09:20:09 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dsirait@centrin.net.id>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [98678] Re: Help My KAM eprom is not working properly
Message-ID: <00be01c0e38b\$1a37d5c0\$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, with all due respect... If it worked, then after a long time
didn't work, then did, and now didn't, I wouldn't suspect the EPROM.
Other than connections to it. If you are concerned, get a burner,
read the existing EPROM (at 5V) then read it at the 'verify'
voltage. If it reads the same, then it's a pretty good chance it's
solid. Besides, if it reads the same at both, you now have a copy
you can save on disk and program into another EPROM.

Yes, EPROMs can go bad, but the fact that it worked...

Personally, I'd look for other issues. Like 'connections'. Unplug
and reinsert all plugable parts.

One other possibility is a small solder ball. It could be 'under' a
part. These can usually be dislodged by SLIGHT flexing of the
board (out of the case or any mounts), and tapping the edge of the
board on a table top. Solder balls are a real pain, as they tend to
be suspended in flux against things, and they make and break
contact at the worst possible time. Finding them is a REAL pain.
Usually you just flex and rap the board and if it now works, you
blame it on a solder ball.

Solder balls seem to NOT be the problem in recent years that they
were in the 1980's timeframe. I think manufacturing techniques
have improved a LOT!!

Mike

----- Original Message -----

From: Donny Sirait <dsirait@centrin.net.id>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, May 23, 2001 9:05 AM
Subject: Help My KAM eprom is not working properly

> Dear Friends,
>
> I have tried Kantronics but so far no response so I am turning to
> this great group for help.
>
> This could be just a small connection to qrp however I am sure that
> some of you (as my past experience) can provide very fine advice.
>
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> my code sending (I think this is the connection to QRP). However
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> I tried to hard reset the TNC but then no response. Few days
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> for me at the moment).
>
> Any help will be very much appreciated and please direct to
> yb1bod@arrl.net to save QRP-L bandwidth.
>
> vy 72 de YB1BOD
> Donny Sirait
> Bekasi Indonesia
>

>

Date: Wed, 23 May 2001 08:29:12 -0500
From: "James Edwards" <jle8@earthlink.net>
To: <QRP-L@LEHIGH.EDU>
Subject: [98679] new member
Message-ID: <009201c0e38c\$5b845660\$4994fc9e@0016675099>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy folks, my name is James I live in New Caney,Texas New caney is about
30 miles north of Houston. just thought I would check this list out.
cheers KB5DSE

Date: Wed, 23 May 2001 09:41:13 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <jle8@earthlink.net>, "'Low Power Amateur Radio Discussion'" <qrp-
l@Lehigh.EDU>
Subject: [98680] RE: new member
Message-ID: <000001c0e38e\$08eec1e0\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Welcome aboard James. There's an eclectic mix here, that's fer sure.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
James Edwards
Sent: Wednesday, May 23, 2001 9:29 AM
To: Low Power Amateur Radio Discussion
Subject: new member

Howdy folks, my name is James I live in New Caney,Texas New caney is about
30 miles north of Houston. just thought I would check this list out.

cheers KB5DSE

Date: Wed, 23 May 2001 15:45:13 +0200
From: Alen Mitrovic <alen.mitrovic@hermes.si>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98681] RE: new member
Message-ID: <FED7EB450413D511ABC100B0D0211732F5DA55@hal9000.hermes.si>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi James,
welcome to QRP community!

Alen / S53MA
Koper, Slovenia

-----Original Message-----
From: AI2Q Alex [mailto:ai2q@adelphia.net]
Sent: Wednesday, May 23, 2001 3:41 PM
To: Low Power Amateur Radio Discussion
Subject: RE: new member

Welcome aboard James. There's an eclectic mix here, that's fer sure.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
James Edwards
Sent: Wednesday, May 23, 2001 9:29 AM
To: Low Power Amateur Radio Discussion
Subject: new member

Howdy folks, my name is James I live in New Caney, Texas New caney is about
30 miles north of Houston. just thought I would check this list out.
cheers KB5DSE

Date: Wed, 23 May 2001 10:11:27 EDT

From: W8IRQ@aol.com
To: qrp-l@lehigh.edu
Subject: [98682] Re: SLV antenna
Message-ID: <fc.6b8aba0.283d1f0f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It's been sold

Date: Wed, 23 May 2001 09:46:02 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'nkennedy@tcainternet.com'" <nkennedy@tcainternet.com>, Low Power Amateur
Radio Discussion <qrp-l@lehigh.edu>
Subject: [98683] Leaky Coax Antenna System
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49B40@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Sorry, Nick, but that "leaky coaxial cable system" is one that was developed by Andrew Corporation many years ago and is used in subway/tunnel systems the world over. The "system" doesn't usually begin (or end) in an antenna, but rather an r.f. source (e.g., transmitter).

You are correct that there are longitudinal slots in the sidewall of the cable's shield (solid copper, corrugated wall, remember?) that "leak" r.f. into the tunnel or other difficult-to-cover r.f. environments. That's why it works so well. It isn't a passive antenna, just a leaky transmission line with predictable "leakage characteristics", unlike Radio Shack coax which may be leaky, but totally unpredictable as to exactly where and how it "leaks" !

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Nick Kennedy [SMTP:nkennedy@tcainternet.com]
> Sent: Tuesday, May 22, 2001 6:41 PM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Family Radio Service & "Irradiation" of Passive Antennae
>
> I know a place where you can get both 'irradiation' and passive antenna
> radiation.
>
> At the nuke plant where I work, there's a lot of steel in the structure

> and
> so forth and coverage with hand-held radios was limited. So they
> installed
> a passive antenna system. We call it the "leaky coax" system. It looks
> like hardline or something, and I understand it has slots cut in the metal
>
> sheath. It winds its way all thru the plant. I guess it starts out at an
>
> antenna somewhere. I haven't worked on it myself, but I understand it
> works OK.
>
> 72--Nick, WA5BDU
>

Date: Wed, 23 May 2001 19:01:19 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: <jle8@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98684] Re: new member
Message-ID: <20010523150228Z10956-55471+1521@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Hello, James!
Glad to see you and hope to interesting talk with you for QRP items.
72 & 73! de RV3GM/QRP Lipetsk, Russia
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
eng. Oleg V. Borodin E-Mail: master72@lipetsk.ru

> : James Edwards <jle8@earthlink.net>
> : Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> : new member
> : 23 2001 . 17:29
>
> Howdy folks, my name is James I live in New Caney,Texas New caney is
about
> 30 miles north of Houston. just thought I would check this list out.
> cheers KB5DSE
>

Date: Wed, 23 May 2001 11:08:04 -0400
From: "Russ Hines" <wb8zcc@one.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98685] Re: Help My KAM eprom is not working properly
Message-ID: <005801c0e39a\$2b209c00\$de2417d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8BIT

If the unit worked when he put it back in the box years ago, and now it doesn't, likely it's not the unit. Something could have let go on power-up, but I'd also be checking other possibilities first. Donny, are you using the same Pacterm software, not a later version? If it's DOS and your running under Windows, there could be a problem. Also make sure the data (DTE/DCE) rates between computer and the Kantronics match.

I would continue to press Kantronics for assistance toward a solution. They should support their product, even an old one. Failing that, better information may be had on a digi or packet reflector or newsgroup. And of course there may be other issues/information that we don't know about from Donny's posting here.

BTW, I would NOT attempt to copy any EPROM from a commercial product unless you have permission from the manufacturer. You may expose yourself to some copyright issues.

There's my \$2 worth (inflation and all).

73,
Russ Hines
WB8ZCC
wb8zcc@one.net
wb8zcc@arrl.net

----- Original Message -----

From: Mike Yetsko <myetsko@insydesw.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 23, 2001 9:20 AM
Subject: Re: Help My KAM eprom is not working properly

> Well, with all due respect... If it worked, then after a long time
> didn't work, then did, and now didn't, I wouldn't suspect the EPROM.
> Other than connections to it. If you are concerned, get a burner,
> read the existing EPROM (at 5V) then read it at the 'verify'
> voltage. If it reads the same, then it's a pretty good chance it's
> solid. Besides, if it reads the same at both, you now have a copy
> you can save on disk and program into another EPROM.
>

> Yes, EPROMs can go bad, but the fact that it worked...
>
> Personally, I'd look for other issues. Like 'connections'. Unplug
> and reinsert all plugable parts.
>
> One other possibility is a small solder ball. It could be 'under' a
> part. These can usually be dislodged by SLIGHT flexing of the
> board (out of the case or any mounts), and tapping the edge of the
> board on a table top. Solder balls are a real pain, as they tend to
> be suspended in flux against things, and they make and break
> contact at the worst possible time. Finding them is a REAL pain.
> Usually you just flex and rap the board and if it now works, you
> blame it on a solder ball.
>
> Solder balls seem to NOT be the problem in recent years that they
> were in the 1980's timeframe. I think manufacturing techniques
> have improved a LOT!!
>
> Mike
>
> ----- Original Message -----
> From: Donny Sirait <dsirait@centrin.net.id>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Wednesday, May 23, 2001 9:05 AM
> Subject: Help My KAM eprom is not working properly
>
>
> > Dear Friends,
> >
> > I have tried Kantronics but so far no response so I am turning to
> > this great group for help.
> >
> > This could be just a small connection to qrp however I am sure that
> > some of you (as my past experience) can provide very fine advice.
> >
> > I bought a KAM TNC (the old old KAM) many years ago (I think it
> > was in the mid 1980's) to explore the world of digital communications
> > and my last eprom version is version 2,85.
> > Due to work demands I have put the KAM into it's original box as
> > with my other radio related items. Lately after being bitten by the
> > qrp bug I decide to increase my code proficiency (recieving and
> > especially good sending) and would like to use my KAM to train
> > my code sending (I think this is the connection to QRP). However
> > when I fired up the KAM again the response from the KAM
> > displayed on my terminal screen is half text and half garbage.
> > I tried to hard reset the TNC but then no response. Few days
> > ago suddenly the TNC recover from it's state of coma and work
> > just well but then today it was another blank on the screen.

> > I know that my terminal program did communicate with the TNC
> > (because the terminal program require a response from the
> > KAM, I use Pacterm from Kantronics) but somehow the burned
> > program in the eprom is not responding.
> >
> > 1. I would like to know what is happening inside my KAM (TNC)
> > What makes it happened?
> > 2. Is there any of you who have the KAM version 2,85 binary
> > code on disk so I can burn it to a new eprom (I can borrow an eprom
> > programmer).
> >
> > I have contacted Kantronics but as mentioned above no response
> > and buying the enhancement board is out of question (too expensive
> > for me at the moment).
> >
> > Any help will be very much appreciated and please direct to
> > yb1bod@arrl.net to save QRP-L bandwidth.
> >
> > vy 72 de YB1BOD
> > Donny Sirait
> > Bekasi Indonesia
> >
> >
>
>

Date: Wed, 23 May 2001 10:16:18 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98686] Fishing Pole vertical (long)
Message-ID: <001a01c0e39b\$520e9fa0\$4800000a@nationwiswqrjt>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank You for all of the great replies I recieved in regards to my Vertical Antenna question. I ended up using a 13 foot Telescoping Crappie pole in shocking blue and yellow colors. (I already owned it and as a fly fisherman please dont ask why...embarrassing) I have taken a five foot dowel rod and made a base for it with a 10"spike. I am using a 1/4 wave radiator with 8 1/4 wave radials. The radials are four 1/4 w lenglths of zip cord attached to alligator clips and then split from end to clip. I have mounted pc board with a bnc at the bottom of the dowel and the radials will clip to the pc board, radiator to a hook soldered into BNC center. I will be testing it in

my local park this week and will be around 14.060 or thereabouts this weekend. I ended up modifying my BLT for unbalanced and that is what I will tune it to my SST with. I have glassed in 3 small eyes for guys. If it doesn't work it will still make a nice portable support for my 10 meter and 20 meter portable inverted v antennas <grin>. I have a local ham who is going to help me tweak this thing with the MFJ analyzer. 73's and once again, thanks for all your help. KD5KXF

Date: Wed, 23 May 2001 11:19:22 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: bejones@hursley.ibm.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [98687] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <3B0BD4FA.6DBDFD4D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

It's nice to see something you've preached for many years suddenly gain acceptance. QRP is much more than CW, it is operating at low power levels in all modes. I have preached(?) for many years that the best way to get introduced to QRP is by "turning down the power on your TS850", or other QRO rig. It gives you a picture of the dimensions of QRP! I have written about it and spoken about it, but have been drowned out by the small CW only crowd for many years. It is once to hear from another source!

Personally I have run QRP for 20+ years now with a Kenwood TS130V. Before that it was a TS120V. While I don't do much SSB, it is there, and fairly effective too. I agree with your comments and Peter's also.

73

Date: Wed, 23 May 2001 11:29:35 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [98688] Re: Help My KAM eprom is not working properly
Message-ID: <3B0BD75F.5FD56198@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike, and Donny,

I would agree that if it worked when it was put away it probably is not in the EPROM. I would look at the software, is it the same and the same type of compute? And also the connections. Are you sure they are solid? Are all the necessary signals getting to and from the TNC and the radio?

As an afterthought, is Kantronics even still in business?

73

Date: Wed, 23 May 2001 08:57:22 -0700
From: Mighty Mik <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98689] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <5.0.2.1.0.20010523084628.00a1a130@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:09 PM 5/23/01 +0100, you wrote:

>So - a challenge to all you great designers out there - when
>contemplating your next project ask yourselves 'Does the world
>really need another 500mW 40M CW only kit?'. Let's take up
>Peter's challenge and be innovative in other modes - PSK31 offers
>great opportunity and George Heron's work is particularly exciting.

I would like to add, lets be innovative at frequencies above 30MHz.
I would like to see more emphasis on VHF and above...it seems that it gets done, but you rarely see anything about it here. I'm a little concerned that all those old timers that could build the stuff from scratch, and could keep stuff like the Regency HR-2 going are passing on, and there are fewer VHF Elmers around to pass the knowledge down.

How many big rigs you see today stop at 10 meters? The trend is to go as high as you can. That's one thing that separates the FT-817 from the K2.

Perhaps we need an SUV type of QRP rig...one that is capable of going out and blazing the trail.

Date: Wed, 23 May 2001 09:24:19 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [98690] Re: new member
Message-ID: <MABBJ0EAB0ILMKCJCLFCCEHFCHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Jim
Welcome to our favorite form of madness.
Hope to work you on the air one day.
73, Bob N6WG
Newark, CA on SF Bay

Date: Wed, 23 May 2001 12:24:20 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: mightymik2@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [98691] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <3B0BE434.935FC39E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mik,

The primary problem with VHF and UHF rigs is that they are mostly FM radios. Nothing bad about FM, but the design and construction of a multi channel synthesized VHF radio has been done many times and is really pretty cheap if you look.

There are thousands of VHF radios, upto and including recent ones, available on auction sites like ebay for a very reasonable amount! VHF, except for the few years around the sunspot maximums depends on repeaters for coverage. This is not likely to change because even 10,000,000 QRPers want it!

73

Date: Wed, 23 May 2001 11:21:17 -0500
From: Dave Sjolín <sjolin@swbell.net>

To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98692] Re: Help My KAM eprom is not working properly
Message-ID: <3B0BE37D.FA0E4B83@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Bruce Muscolino wrote:

> As an afterthought, is Kantronics even still in business?

Yes but if they are like most firms, they are very slow in responding to email. Most firms are really not set up for dealing with email efficiently. They do respond to people who call. Ive done it several times and have always been pleased.

73 de Dave, N0IT

Date: Wed, 23 May 2001 23:53:13 -0500
From: Bryn Joynes <bryn@pcpractice.com>
To: qrp-1@lehigh.edu
Subject: [98693] Need help to find a chip, 87C CCN40
Message-ID: <3B0C93B9.C8AC412F@pcpractice.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

Could anyone help me find this chip please, 87C CCN40

I have had no luck so far and thought I would turn to you guys.

Also does anyone have a pin out for a NM232CQ, a voltage converter.

I sure would appreciate any help.

Best Regards

Bryn
N4VM

Date: Wed, 23 May 2001 18:11:52 -0000
From: "Delbert Long" <ad6we@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [98694] swan swr-1
Message-ID: <F118ednHM3S01bpH71y00002719@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Just dug out this old swr meter - does anyone know whether it is accurate at qrp levels?

All I gotta do now is go out and get some adapters for SO-239 to BNC...

Del, AD6WE

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 23 May 2001 14:13:26 -0400 (EDT)
From: Jim Cotton <jim.cotton@wmich.edu>
To: qrp-1@Lehigh.EDU
Subject: [98695] Re: Help My KAM eprom is not working properly
Message-ID: <Pine.GS0.4.21.0105231410250.19448-100000@puma.lab2.cc.wmich.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Perhaps the memory backup battery needs replacement? If the voltage is low the data in the ram is corrupted at power off, so it doesn't work the next time??? I seem to remember a coin style battery in the unit...

Jim Cotton, N8QOH		jim.cotton@wmich.edu
Western Michigan University		Phone: (616) 387-6421
Network Systems Group		Fax: (616) 387-5473

On Wed, 23 May 2001, Bruce Muscolino wrote:

>Mike, and Donny,

>

>I would agree that if it worked when it was put away it probably is not in
>the EPROM. I would look at the software, is it the same and the same type
>of compute? And also the connections. Are you sure they are solid? Are
>all the necessary signals getting to and from the TNC and the radio?

>

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>

>73

>

Date: Wed, 23 May 2001 13:15:47 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: w6toy@erols.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98696] VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <3.0.2.32.20010523131547.00836e10@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bruce and folks,

You said,

>The primary problem with VHF and UHF rigs is that they are mostly FM radios.

Not so with many of the latest rigs such as the IC-746, IC-706 MKIIG, FT-847, FT-100, FT-817, TS-2000 and several others. These are truly all mode rigs and cover 6 and 2 VHF on some as well as 1.25 meters UHF on others. For many years, most all of my activity on the VHF and UHF bands is with modes other than FM. That includes seasonal QRP activity on 6 both CW and SSB. Lots of FM only hand helds too but they're not the only ones.

Also:

>VHF, except for the few years around the sunspot maximums depends on repeaters for coverage.

Again, not entirely the case. There are many VHF and UHF propagation modes that continue to exist even when the sun spot cycle is at a minimum. F2 propagation with and without enhancement modes is more likely at sun spot maximums but the VHF and UHF bands do not go dead at other times. Sporadic E and various other tropo modes, for instance. If you're looking for 20 meter type armchair copy then you may not often find it on VHF and UHF. But there are many interesting and exciting modes to challenge the creative operator.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>
[TMPS] Qs/131, States/40, DX /27, 3W to HF9V, Marsh Key, Codeboy Keyer

Date: Wed, 23 May 2001 14:17:42 -0400
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [98697] Re: Help My KAM eprom is not working properly
Message-ID: <20010523.141744.-385499.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp.

The Version 2.85 firmware is old. I believe that it may have been used back before Kantronics went with the EEPROM memory storage for parameters. There might be a backup battery somewhere in the system that needs to be changed

If not, Syd, W2ICZ in Buffalo used to have all of the EPROM codes for assorted TNC's He handled the packet networking in western NY back about 10 - 15 years ago. If anyone has the information, he may be the one.

I do not have an Email address or URL for Syd, sorry.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section
My night light runs more power than my Rig!!!
Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 23 May 2001 14:18:50 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'jim.cotton@wmich.edu'" <jim.cotton@wmich.edu>, Low Power Amateur Radio
Discussion <qrp-1@Lehigh.EDU>
Subject: [98698] RE: Help My KAM eprom is not working properly
Message-ID: <078F21595FA7D411B87B00805FA728E64A47B6@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

They boot up fine with no battery in them, I have one..

Jerry
W3CDE

-----Original Message-----

From: Jim Cotton [mailto:jim.cotton@wmich.edu]
Sent: Wednesday, May 23, 2001 2:13 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Help My KAM eprom is not working properly

Perhaps the memory backup battery needs replacement? If the voltage is low the data in the ram is corrupted at power off, so it doesn't work the next time??? I seem to remember a coin style battery in the unit...

Jim Cotton, N8QOH		jim.cotton@wmich.edu
Western Michigan University		Phone: (616) 387-6421
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On Wed, 23 May 2001, Bruce Muscolino wrote:

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>I would agree that if it worked when it was put away it probably is not in
>the EPROM. I would look at the software, is it the same and the same type
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>all the necessary signals getting to and from the TNC and the radio?

>

>As an afterthought, is Kantronics even still in business?

>

>73

>

Date: Wed, 23 May 2001 11:32:13 -0700

From: "Trevor Jacobs" <fxtech@earthlink.net>

To: <bryn@pcpractice.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [98699] Re: Need help to find a chip, 87C CCN40

Message-ID: <005f01c0e3b6\$b04a8280\$a6e4b3d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Bryn,

There should be some other numbers in there. This is a Philips part number for a programable 80C51 based 8-bit microcontroller. A correct part number would look like P87C51BCCN40. The P = plastic package, 7 = EPROM/OTP, 51 = the specific model, B = revision, First C= Comercial Temperature (A= Industrial), Second C = Operating speed (12 MHz), N = Package - plastic dual in-line, and the 40 = the number of pins. Anyway, hope this helps. I use these little guys quite a bit, and they can be had from Newark Electronics.

73

Trev

KG6CYN

----- Original Message -----

From: Bryn Joynes <bryn@pcpractice.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, May 23, 2001 9:53 PM

Subject: Need help to find a chip, 87C CCN40

> Hi

>

> Could anyone help me find this chip please, 87C CCN40

>

> I have had no luck so far and thought I would turn to you guys.

>

>

> Also does anyone have a pin out for a NM232CQ, a voltage converter.

>

>

> I sure would appreciate any help.

>

> Best Regards

>

> Bryn

> N4VM

>

Date: Wed, 23 May 2001 11:29:15 -0700

From: Mighty Mik <mightymik2@home.com>

To: Bruce Muscolino <w6toy@erols.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [98700] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun

Message-ID: <5.0.2.1.0.20010523111634.00a1de40@mail>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:24 PM 5/23/01 -0400, you wrote:

>Mik,

>

>The primary problem with VHF and UHF rigs is that they are mostly FM radios.

>Nothing bad about FM, but the design and construction of a multi channel

>synthesized VHF radio has been done many times and is really pretty cheap if

>you look.

and this is NOT what i'm looking for. I'd like to have VHF SSB, a much rarer animal.

>There are thousands of VHF radios, upto and including recent ones, available

>on auction sites like ebay for a very reasonable amount! VHF, except for the

>few years around the sunspot maximums depends on repeaters for coverage. This

>is not likely to change because even 10,000,000 QRPers want it!

>

>73

Maybe the HR-2 was not the right example to use. I remember the 'old school' Techs...the ones that lived on 6 meters. They knew all about the quirks of circuitry above 30 MHz. Alas, like the rest of us, they are aging.

what i'd like to see is maybe the modern equivalent of the old ICOM portable rigs (IC-202? and 502?)

No reason that FM rigs should be easier than SSB rigs. I seem to remember a Kenwood 2 meter all mode as well. (TS-700A)

Date: Wed, 23 May 2001 11:32:15 -0700

From: Mighty Mik <mightymik2@home.com>

To: w5usj@globeco.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [98701] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!

Message-ID: <5.0.2.1.0.20010523113053.00a1c8a0@mail>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:15 PM 5/23/01 -0500, you wrote:

>Bruce and folks,

>

>You said,

> >The primary problem with VHF and UHF rigs is that they are mostly FM radios.

>

>Not so with many of the latest rigs such as the IC-746, IC-706 MKIIG,

>FT-847, FT-100, FT-817, TS-2000 and several others others. These are truly
>all mode rigs and cover 6 and 2 VHF on some as well as 1.25 meters UHF on
>others. For many years, most all of my activity on the VHF and UHF bands
>is with modes other than FM. That includes seasonal QRP activity on 6 both
>CW and SSB. Lots of FM only hand helds too but the're not the only ones.

SSB on 222MHz? What rig is that? I don't think i've ever seen one.

>Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
>ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
>Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>
>[TPMS] Qs/131, States/40, DX /27, 3W to HF9V, Marsh Key, Codeboy Keyer

Date: Wed, 23 May 2001 14:33:05 -0400
From: "Brian" <bmurrey@amexol.net>
To: <mmalone@worldlogon.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [98702] Re: Fishing Pole vertical (long)
Message-ID: <001d01c0e3b6\$cee94140\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,

Sounds awesome to me bud! Let us know how it works out. May the propagation
Gods be with you!

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----
From: "Mike Malone" <mmalone@worldlogon.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, May 23, 2001 11:16 AM

Subject: Fishing Pole vertical (long)

> Thank You for all of the great replies I recieved in regards to my
Vertical
> Antenna question. I ended up using a 13 foot Telescoping Crappie pole in
> shocking blue and yellow colors. (I already owned it and as a fly
fisherman
> please dont ask why...embarassing) I have taken a five foot dowel rod and
> made a base for it with a 10"spike. I am using a 1/4 wave radiator with 8
> 1/4 wave radials. The radials are four 1/4 w lenglths of zip cord
attached
> to alligator clips and then split from end to clip. I have mounted pc
board
> with a bnc at the bottom of the dowel and the radials will clip to the pc
> board, radiator to a hook soldered into BNC center. I will be testing it
in
> my local park this week and will be around 14.060 or thereabouts this
> weekend. I ended up modifying my BLT for unbalanced and that is what I
will
> tune it to my SST with. I have glassed in 3 small eyes for guys. If it
> doesn't work it will still make a nice portable support for my 10 meter
and
> 20 meter portable inverted v antennas <grin>. I have a local ham who is
> going to help me tweak this thing with the MFJ analyzer. 73's and once
> again, thanks for all your help. KD5KXF
>
>

Date: Wed, 23 May 2001 13:28:06 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: <mightymik2@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98703] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <000501c0e3b6\$1d3aa6f0\$48000000a@nationwiswqrjt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kenwood TS700, TS711A, TS790A, all great rigs. Portable 2 meter SSB look
for TR 751, all of these are excellent buys.

> what i'd like to see is maybe the modern equivalent of the old
> ICOM portable rigs (IC-202? and 502?)
>

> No reason that FM rigs should be easier than SSB rigs. I seem to remember
a
> Kenwood 2 meter all mode as well. (TS-700A)
>

Date: Wed, 23 May 2001 12:01:52 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [98704] Antennas
Message-ID: <20010523190152.4734.qmail@web217.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Trying to fashion an antenna arsenal for field
operation and would appreciate any tips from list
readers on the following:

1. Ideas for inexpensive lightweight center/end
insulators for wire doublets to be used backpacking
(not permanent installs)
2. Sources for relatively inexpensive telescoping or
collapsible whips in the 6 - 10 ft range.

Tnx/73,

Barry N1EU
www.albany.net/~bg

Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Wed, 23 May 2001 12:08:56 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: n1eu@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98705] Re: Antennas
Message-ID: <3B0C0AC8.7202EB73@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

N1EU wrote:

>
> Trying to fashion an antenna arsenal for field
> operation and would appreciate any tips from list
> readers on the following:
>
> 1. Ideas for inexpensive lightweight center/end
> insulators for wire doublets to be used backpacking
> (not permanent installs)
>

Check the series of qrp-oriented dipoles from Joe, N2CX

Joe Everhart
214 NJ Rd
Brooklawn, NJ 08030

n2cx@voicenet.com

If you want to roll your own, there are lots of insulator options:
Buttons, small pieces of plastic with holes drilled, film cannisters
(center insulator), etc.

Phil W7OX

Date: Wed, 23 May 2001 15:14:43 -0400
From: "Brian" <bmmurray@amexol.net>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98706] Re: Antennas
Message-ID: <000901c0e3bc\$9fa6a7f0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree,

I've been using the Gusher on my outings and it works well, is light weight,
and inexpensive. I think he has two or three models now as well.

----- Original Message -----

From: "Phil Wheeler" <w7ox@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 23, 2001 3:08 PM
Subject: Re: Antennas

>
>
> N1EU wrote:
> >
> > Trying to fashion an antenna arsenal for field
> > operation and would appreciate any tips from list
> > readers on the following:
> >
> > 1. Ideas for inexpensive lightweight center/end
> > insulators for wire doublets to be used backpacking
> > (not permanent installs)
> >
>
> Check the series of qrp-oriented dipoles from Joe, N2CX
>
> Joe Everhart
> 214 NJ Rd
> Brooklawn, NJ 08030
>
> n2cx@voicenet.com
>
> If you want to roll your own, there are lots of insulator options:
> Buttons, small pieces of plastic with holes drilled, film cannisters
> (center insulator), etc.
>
> Phil W7OX
>

Date: Wed, 23 May 2001 16:21:33 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98707] VF Displays
Message-ID: <044701c0e3c5\$f79e8f00\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Did anyone else pick up any of those VFD's from Surplus Sales of Nebraska at Dayton? The thing is a whole lot simpler than an LCD to drive, but it seems to be a real power hog. I don't know what sort of power they take, but a battery that can drive an LCD for weeks seems to go away in an hour or so from the VFD!

Still, it's nice looking, but I don't think it will go into a backpackable rig.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Wed, 23 May 2001 16:36:17 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <bmurrey@amexol.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [98708] These Flying Pigs
Message-ID: <003001c0e3c8\$082cec20\$9e613018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those not fortunate enough to attend Dayton this year, you missed a heck of a show. A feature (fixture?) were the Flying Pigs. They were everywhere! It should be a crime to have as much fun as they did.

Can't wait to see what they have in store next year.

72

Howard Kraus, K2UD

Date: Wed, 23 May 2001 16:32:41 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Dave Sjolín <sjolin@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98709] Re: Help My KAM eeprom is not working properly
Message-ID: <3B0C1E68.1E18D34F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Dave,

I was wondering if they had survived the shake out in the TNC market. Well, then the question comes, if they are still in business, does anyone know anything about the older products! Small companies often don't have much corporate memory!

73

Date: Wed, 23 May 2001 13:48:50 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [98710] Ft Tuthill 2001
Message-ID: <006f01c0e3c9\$c863f6e0\$1f137d3f@dell>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now that the FDIM furor is dying down, it's time to announce the 2001 edition of the Ft Tuthill QRP gathering.

Plans are being firmed up, and you can see what's up at
<http://www.extremezone.com/~nk7m/tut01.htm>

Not only is this a large QRP gathering, it's a very large hamfest...runs for 3 days (well, 2.5 anyway), so if you can, plan on joining us in Flagstaff (elev ~7000') the last full weekend in July for a great time.

Bob NK7M

Date: Wed, 23 May 2001 16:42:37 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ad6we@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98711] Re: swan swr-1
Message-ID: <3B0C20BD.4761DBA6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Delbert,

A Swan SWR bridge will likely still be accurate BUT it is a high power unit. Swan's almost universally ran over 100 watts. You will have to change some values if you want to use it at QRP.

73

Date: Wed, 23 May 2001 16:47:57 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98712] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <3B0C21FD.64DCE5B3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep Chuck, you caught me. Sure, I know VHF and UHF are not only FM modes. I have a couple of Icoms, a 211 and a 551 that I use for contesting. I even made QST one year for a winter VHF party on 2 meters. Worked a whole 100 miles CW line of sight. I was using an indoor antenna. Don't you suppose that anyone who wanted to try it could do the same thing? Why have a group build a special purpose radio to do that? There are again, lots of multi-mode, 2 meter radios for around \$200 being sold every day on ebay!

73

Date: Wed, 23 May 2001 16:52:46 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Mighty Mik <mightymik2@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98713] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <3B0C231E.434CBEF1@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mik,

I have a couple of those rigs. I have an Icom IC202 and 502 along with their

bigger brothers the 211 and the 551. They are indeed fine radios. The 202 and the 502 are sort of frequency limited, covering only small parts of the bands. Personally I would look for a used Yaesu FT221 or Kenwood TS700 if you are dedicated to VHF sideband. They are ultimately more flexible though they are heavier and larger. Perhaps a reasonable replacement could be had for the IC202 or 502, but remember they used an optical shaft encoder for their synthesizer. Hard to replace!

73

Date: Wed, 23 May 2001 14:06:28 -0700
From: "NR6Z" <wonil_lim_1@email.msn.com>
To: <qrp-1@lehigh.edu>
Subject: [98714] First qrp contact with a homebrew rig
Message-ID: <006401c0e3cc\$3e357c20\$ddaa173f@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I made a first contact today with a homebrew QRP rig on 7.040MHZ with K6TBW in Meadow Vista, CA. It is a crystal controlled Direct Conversion receiver and 1W transmitter using a SA602 Mixer/OSC IC. Rig is built from scratch manhattan style on copper clad board.

Homebrew QRP rig really works!!!

73, NR6Z

Date: Wed, 23 May 2001 21:17:54
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [98715] QRP Headlight
Message-ID: <F146jWwY0VnkB4ltFlm00008bb4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

At a sporting goods store I purchased a Coleman headlight for \$10. It has 2

AA batteries and straps on your head for hands free use. I replaced the incandescent bulb with one of the white LED's from radio shack (just pull out the old bulb and plug the LED in its place). Resulting current draw is 2 mA and although not as bright as the original bulb its enough to see to walk in the dark, read the display of a K-1, and read and write on a pad of paper. I wouldn't want to do fine work with it, but for the price and power consumption the thing will be great for QRP camping use.

73 - Mike WA8BXN

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 23 May 2001 21:28:07
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [98716] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <F186zsHmIWwUjFohBL1000064a3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Don't forget satellites as a VHF/UHF mode - I've hit RS-12 with 2 watts in to a rubber duck.

People have hit A0-40 with less than 5 watts.

If you want a basic SSB/CW rig and are prepared to do some building, all the information you need has been published. Go get it!

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Wed, 23 May 2001 15:29:56 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98717] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <Pine.SUN.4.10.10105231500040.7854-100000@shell.rt66.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 May 2001, Bruce Muscolino wrote:

> I even made QST one year for a winter VHF party on 2 meters. Worked a
> whole 100 miles CW line of sight. Don't you suppose that anyone who
> wanted to try it could do the same thing?

Bruce, et. al.,

The above statement, how you managed to work 100 miles once, is EXACTLY why there would be very little interest into VHF/UHF by QRPers out here in the west, say much west of the Mississippi River. In many of our cases, there just is nobody to talk to within 100 miles. Where I live, Albuquerque is about 100 miles to the north; I can hit a couple of repeaters on top of 12,000+ ft. Sandia Crest on a really good day; about it. The next towns/cities of any size are Las Cruces - 150+ miles to the south, probably Phoenix to the west, some 350+ miles, maybe Lubbock, TX, another 300+ miles to the east, etc. And not a whole lot in between.

I do endorse your idea that VHF is one area where *some* QRPers might explore, but keep in mind, it is applicable to a very limited part of the country. According to the 2000 census, all the people living in the Mountain Time Zone accounts for less than 10% of the US population! So for those of you who have 12 jillion people within 100 miles of you, go for it! But for the rest of us who do not live in the heavily congested population areas, VHF is almost useless for point-to-point communications. It's a repeater mode only -- and even there, you cross your fingers that someone else might be on the repeater if you need someone!

I drove to Denver and back last week, and I squawked the repeaters in every town along the way, asking if anyone was monitoring. The only places I heard repeater activity was Albuquerque and Santa Fe, then not again until I hit Pueblo, CO. Thank goodness I didn't need road assistance on top of Raton Pass ... even though the repeater was loud and clear! Although I did have a nice repeater QSO with a few Boy Scouts on a hike near Rangely, CO (?) that had just gotten their ham tickets, including the scout master who was a ham. Fun.

Not an insult to anyone suggesting VHF for QRP projects, but to make some of you realize it would be nearly useless for probably 60-70% of the country - by land mass anyway :-). 100 miles to us is often the next watering hole down the road. And that's close!

72, Paul NA5N

Date: Wed, 23 May 2001 14:32:17 -0700
From: Mighty Mik <mightymik2@home.com>
To: w6toy@erols.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98718] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <5.0.2.1.0.20010523142828.00a1dba0@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:47 PM 5/23/01 -0400, you wrote:

>Yep Chuck, you caught me. Sure, I know VHF and UHF are not only FM modes. I
>have a couple of Icoms, a 211 and a 551 that I use for contesting. I even
>made
>QST one year for a winter VHF party on 2 meters. Worked a whole 100 miles CW
>line of sight. I was using an indoor antenna. Don't you suppose that
>anyone who
>wanted to try it could do the same thing? Why have a group build a special
>purpose radio to do that? There are again, lots of multi-mode, 2 meter radios
>for around \$200 being sold every day on ebay!

well...i did a search, came up one Kenwood rig, and the guy was asking \$650.

and what do you learn from buying a rig? I think that's one reason people
build.

I see a place for a VHF SSB kit.

>73

Date: Wed, 23 May 2001 14:41:44 -0700
From: Mighty Mik <mightymik2@home.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98719] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <5.0.2.1.0.20010523143314.00a20380@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:52 PM 5/23/01 -0400, you wrote:

>Mik,

>

>I have a couple of those rigs. I have an Icom IC202 and 502 along with their

>bigger brothers the 211 and the 551. They are indeed fine radios. The
>202 and the
>502 are sort of frequency limited, covering only small parts of the bands.
>Personally I would look for a used Yaesu FT221 or Kenwood TS700 if you are
>dedicated to VHF sideband. They are ultimately more flexible though they are
>heavier and larger. Perhaps a reasonable replacement could be had for the
>IC202 or
>502, but remember they used an optical shaft encoder for their
>synthesizer. Hard
>to replace!
>
>73

I think someone here could come up with a modern replacement...the 202/502
are like mid 70's vintage, right? I would love to have a TS700 in working
condition (or maybe the 711?). I've found that the people that own them
(and other VHF SSB gear) don't want to give them up.

A good point was made earlier...if you've bought a new box lately, more
than likely it has those capabilities.

Date: Wed, 23 May 2001 17:09:49 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: n1eu@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [98720] Re: Antennas
Message-ID: <200105232142.f4NLg2427074@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> 1. Ideas for inexpensive lightweight center/end
> insulators for wire doublets to be used backpacking

I've used small pieces of linolium. Easy to work with and light. Not
being brittle is a plus too.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 23 May 2001 15:51:23 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98721] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <Pine.LNX.4.33.0105231542410.1989-1000000@cannac.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Paul is right, a QRP radio on VHF out west is not going to hit much but repeaters with no-one on them. But I have a friend that works his buddy from El Paso Texas to Tucson, AZ on 2 meters every saturday morning. I listen in sometimes and hear Dan in El Paso all the time but not often the guy in Tucson because I have just a 12 element beam. Dan has 4 15 element beams on an az/el mount and his transmitter is a cool 1500 watts output.

Dan is a fine moon-bounce operator and you don't do that with QRP. But you use CW most of the time.

On Wed, 23 May 2001, Paul Harden, NA5N wrote:

>
> On Wed, 23 May 2001, Bruce Muscolino wrote:
> > I even made QST one year for a winter VHF party on 2 meters. Worked a
> > whole 100 miles CW line of sight. Don't you suppose that anyone who
> > wanted to try it could do the same thing?
>
> Bruce, et. al.,
> The above statement, how you managed to work 100 miles once, is EXACTLY
> why there would be very little interest into VHF/UHF by QRPers out here
> in the west, say much west of the Mississippi River. In many of our
> cases, there just is nobody to talk to within 100 miles. Where I live,
> Albuquerque is about 100 miles to the north; I can hit a couple of

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

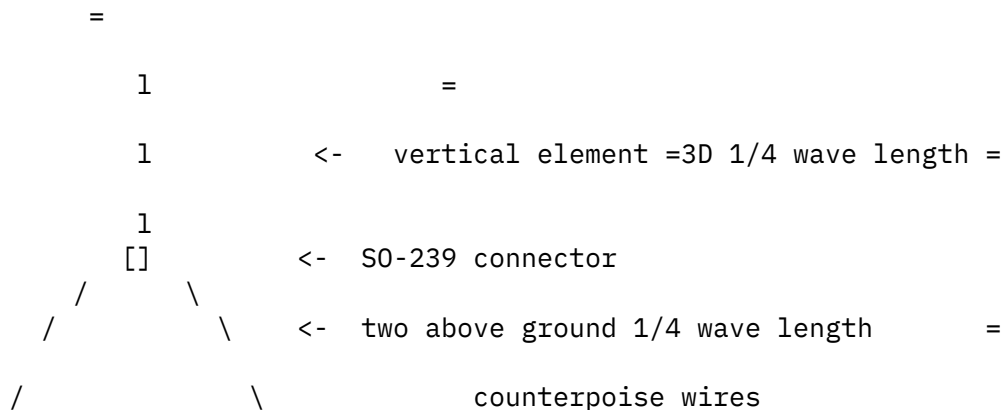
Date: Wed, 23 May 2001 17:48:53 -0400
 From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
 To: "INTERNET:n1eu@yahoo.com" <n1eu@yahoo.com>
 Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
 Subject: [98722] Portable Antennas?--try an "Inverted WYE"
 Message-ID: <200105231749_MC2-D2E1-3E4A@compuserve.com>
 MIME-Version: 1.0
 Content-Transfer-Encoding: quoted-printable
 Content-Type: text/plain;
 charset=ISO-8859-1
 Content-Disposition: inline

Barry and Gang:

At the risk of being pedantic, here is the portable antenna setup that I have been using for three years or so. It is inexpensive, light weight,= easy to transport and deploy, inconspicuous, and remarkably effective. I= t has consistently bagged FOXes on 40 and 20. I have used it for QRPTTF th= e last two outings, and plan to use it again this year for the Bumble Bee contest.

What I do is construct a simple 1/4 wave vertical antenna with two above ground counterpoise wires. Sometimes in the literature this is called an=

"inverted wye", due to its shape:



1. First, buy a "chassis mount" SO-239 connector from Radio Shack. This= little item comes with four holes to mount the connector to a metal

chassis. This SO-239 connector becomes the centre piece of your vertical antenna. =

2. Also buy a roll of #18 or so stranded copper hookup wire, the length depending on which band the antenna will be cut for. The formula for calculating the vertical element is $234/f$, where "f" is the desired frequency of operation. Thus a quarter wave for 7.040 will be about 33.239 feet long.

3. Turn this connector so that the tip is pointing up, and solder the vertical element to it. Just stick one end of the vertical element into the open end of the tip, solder, and presto--you are almost in business. =

4. Connect the two counterpoise (radials) wires to two of the holes, and you have the antenna completed.

5. For supports, you can use either an SD-20/Black Widow 20' telescoping fishing pole for 20 Metre and higher antennas, or the KANGA 33' fibreglass mast for 30 and 40 Metres. The new MFJ 20' telescoping mast should work, also, though I have not seen one myself yet. =

Simply extend the pole along on the ground, stretch out the vertical antenna element next to it (with the SO-239 connector toward the bottom end of the pole), and tape the wire to the fibreglass pole. =

To hold up the SD-20, cut a piece of 1-1/4" wooden dowel rod and insert it into the bottom end. Insert a 16" long common metal spike (with the head removed) into the *other* end of this dowel. Then it is a simple matter to jam the spike into the ground, and the SD-20 should stay up without guys. =

To support the Kanga mast, tape the pole upright against a car door or other handy support. Sometimes I have driven a piece of 3' x 3/4" steel pipe about 8" into the ground, stood the KANGA over it, and this has

worked well, usually with no guys needed.

6. Now connect the coax lead wire to the SO-239 connector, and extend the two radials outward and ideally a bit downward. (I try to secure the far ends of the radials above ground--but have used the antenna successfully even with these two wires laying in standing water from melted snow on a parking lot.) You can buy inexpensive plastic tent pegs at Wal Mart or other source. Simply use electrical tape to secure the counterpoise wires to their respective tent pegs.

That's all there is to it :-). There are far more efficient antennas, but this little jewel works like a champ for me. Of course, it is not a "gain" antenna, but has proven itself over and over.

This is just my \$.02 worth. GL and see you soon on the air.

72,
--Doc/K0EVZ

Date: Wed, 23 May 2001 14:50:01 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98723] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <002201c0e3d2\$521be110\$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Probably the simplest (and perhaps cheapest) way to explore SSB and CW on six or two meters is to build one of the Ten Tec transverters. You could even use your K2 to drive it with.

=====
Bill Jones - <><
Sanger, California
=====

Date: Wed, 23 May 2001 17:57:40 -0400 (EDT)

From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Mighty Mik <mightymik2@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98724] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <Pine.LNX.4.21.0105231747460.12633-100000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 May 2001, Mighty Mik wrote:

> At 04:47 PM 5/23/01 -0400, you wrote:
> >There are again, lots of multi-mode, 2 meter radios
> >for around \$200 being sold every day on ebay!
>
> well....i did a search, came up one Kenwood rig, and the guy was asking \$650.

Those VHF/UHF all-mode rigs seem quite expensive to me... I looked at getting into it when I was a no-code, but it seemed like way too much money for too few contacts. I even did a few low bids on ebay, but the prices would go up quite a bit the last few hours to way more than I would pay.

> and what do you learn from buying a rig? I think that's one reason people
> build.
> I see a place for a VHF SSB kit.

There are plenty out there. They are usually called "transverters". Ten-tec has kits for 20 to 6 meters and 10 to 2 meters (and 2 to 6 meters). QST had an article about changing the 2 meter one to 222 a few months ago. Down East Microwave and SSB Electronics have plenty of kits as well, but they cost more.

Since I have not built any of the above, I can not endorse any of them...

Ken McGuire
KC8LTL in EN74cp
K1 #73, K2 #2030 (now "finished" except for SSB)
at902@tcnet.org

Date: Wed, 23 May 2001 17:54:30 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: "Brian" <bmurrey@amexol.net>, <henryf@quartz.gly.fsu.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98725] Re: Another source for SA602s...
Message-ID: <5.1.0.14.0.20010523175256.00a0d190@gly.fsu.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Uh..well...maybe I wasn't across the hall from Diz. I was in 148 with AD4S. I saw him in 149 all of the time and I assumed that was his home.

Henry

At 08:14 AM 5/23/01 -0400, Brian wrote:

>Hi Henry,

>

>So you were across the hall from Diz? Well count yourself lucky, at least

>it was quiet. I think he spent most of his time with us, down in the "Pig

>Pen" in room 149. Boy, I got no sleep for four days and had the time of my

>life. It was nice to meet you.

>

>73 de KB9BVN

Date: Wed, 23 May 2001 18:16:08 -0300

From: John Horton <johnhorton@telocity.com>

To: QRP-L@Lehigh.EDU

Subject: [98726] Digest Mode

Message-ID: <3B0C2898.1257BF08@telocity.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Digest mode John Horton KE7CW

Date: Wed, 23 May 2001 15:27:01 -0700

From: <schoon@amgt.com>

To: <qrp-l@Lehigh.EDU>, <johnhorton@telocity.com>

Subject: [98727] RE: Digest Mode

Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-010523222701Z-1353@ag-basalt-pxy.amgt.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Well, I am kinda hungry! ;)

.mark

>-----
>From: John Horton[SMTP:johnhorton@telocity.com]
>Sent: Wednesday, May 23, 2001 2:16 PM
>To: Low Power Amateur Radio Discussion
>Subject: Digest Mode
>
>Digest mode John Horton KE7CW
>
>
>

Date: Wed, 23 May 2001 15:32:13 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [98728] Contest: QRPDUPE Newest Version Released
Message-ID: <3B0C3A6D.F8688492@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I have uploaded the latest version of QRPDUPE to my Websiate at:
<http://www.dancris.com/~bkassel/index.htm#top>

As always, it is totally free, and easily uninstalled if you decide that
you don't wish to keep it on your PC.

I have added:

ARRL June VHF QSO Party
ARCI Hoot Owl Sprint

I also have added the following features:

Completed scoring for the CQ WPX contest.

Added a utility to calculate Grid Squares. You just enter the
coordinates
and the Grid Number is returned. Conversely, if the Grid square is
entered,
the coordinates will be returned. Other additional information about
the area surrounding the Grid square is also returned.

A new Log page that displays logs of ANY SIZE is now provided. The

header

is also now continuously displayed above the Log data.

And now on to the IARU contest.;0

Brian K7RE

Date: Wed, 23 May 2001 18:35:38 -0400 (EDT)
From: David Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [98729] RE: Portable Antennas?--try an "Inverted WYE"
Message-ID: <383014309.990657338718.JavaMail.root@web537-wrb.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I use a similar antenna to the one Doc just described. Mine is for 20m and uses lightweight teflon wire (probably 24 awg) fed with RG174. I use a tree to support mine rather than a mast, and I keep the length of RG174 down to about 20 ft to minimize losses. This results in a very lightweight and compact antenna for backpacking. It's also very easy to put up--I can have it up and ready in about 5 minutes.

Mine is cut for resonance on 20m so I can leave the tuner at home. Realizing that the actual resonant frequency of the antenna may change due to differences in ground conditions, geometry, etc., I've convinced myself that I can minimize the change if I'm careful about getting it up in about the same geometry every time I use it. Since the ground is probably about the same in my back yard as it is when I'm camping, I shouldn't see much change. Also, I think having the two radials sloped and elevated reduces the effect of the ground on the resonant frequency (but I could be wrong). This is definitely a compromise due to my desire to minimize weight and volume.

If performance is important (like during Field Day), I use a twinlead-fed inverted vee and a ZM-2 tuner instead.

73 de Dave AB0GO

Date: Wed, 23 May 2001 18:47:20 EDT
From: RangerSF5@aol.com
To: wonil_lim_1@email.msn.com, QRP-L@lehigh.edu
Subject: [98730] Re: First qrp conact with a homebrew rig
Message-ID: <c8.15429d16.283d97f8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/23/01 6:08:17 PM Atlantic Daylight Time,
wonil_lim_1@email.msn.com writes:

<<

I made a first contact today with a homebrew QRP rig
on 7.040MHZ with K6TBW in Meadow Vista, CA.
It is a crystal controlled Direct Conversion receiver
and 1W transmitter using a SA602 Mixer/OSC IC.
Rig is built from scratch manhattan style
o >>

Give's ya that good feeling huh?

>From my new QTH I worked S1NNR on 40-meters (7025.3) with a 9FT. long wire
hooked to the window screen.

My screen antenna favors the North East to South East direction but I still
also worked HA and several west coast stations from the MFJ QRP rig.

Bob

WA2HOQrp <tm>

End of QRP-L Digest 2198

